

FIGURE 1

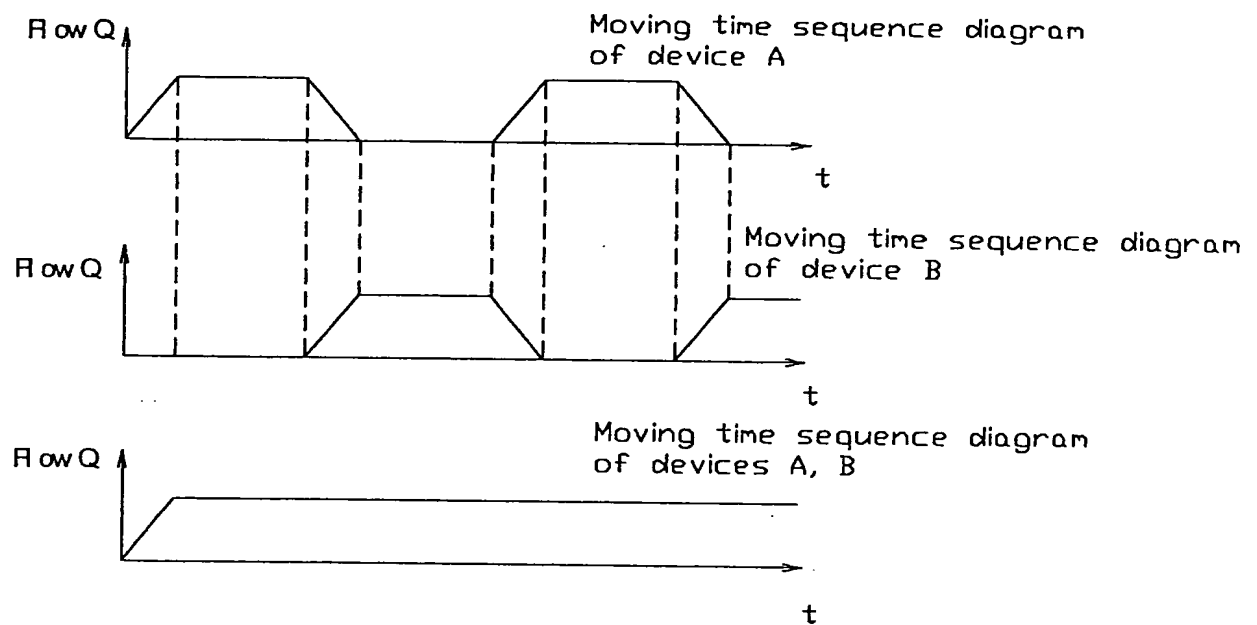


FIGURE 2

Working process	Phase relation of devices A and B in an action cycle							
	Forward stroke of piston				Backward stroke of piston			
	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6	Stage 7	Stage 8
Conveying state of device A	uniform speed	decelerated motion	idle state	accelerated motion	uniform speed	decelerated motion	idle state	accelerated motion
Conveying state of device B	idle state	accelerated motion	uniform speed	decelerated motion	idle state	accelerated motion	uniform speed	decelerated motion

FIGURE 3